
FIRE FACT NO. 047 CHECKLIST(s) : 06
TITLE : HOOD SUPPRESSION SYSTEMS
CHECKLIST ITEM(s) : 06-56, 57, 58, 59, 60, 61
REFERENCE(s) : K.S.A. 31-133
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Hood suppression systems are installed to provide protection for specific hazards due to the production of grease laden vapors from commercial cooking equipment. Hazardous operations require increased ventilation and special hood systems designed and installed to maximize protection of the hazard.

The ENDSS protocol addresses the requirements of these special systems. Special hazards may not only need proper separation but also suppression to isolate and defend the increased threats from fire spread and contamination of the exit ways.

Requirements

- Ventilation hoods shall be of approved construction and properly installed.
- The hood and equipment shall be cleaned at frequent intervals.
- A certified firm shall professionally install an approved suppression system. For certification procedures and requirements, see Fire Fact 048.
- The suppression system shall include manual activation pulls that are easily accessible to the operator.
- Suppression systems must be serviced semi-annually by a certified firm.
- Service shall include:
 - Testing the operation of the system
 - Activation of automatic fuel or power shutoffs
 - Annual replacement of the fusible links
 - Replaced fusible links left on site
 - Suppression system service checklist – completed, signed, and dated
 - Completed company service tag

A supplemental handheld fire extinguisher with a Class K rating shall be provided in proximity of the hazardous operation and a minimum of a 40B:C extinguisher shall be located within 75 feet. Both shall be serviced annually.

Service and maintenance information is found in Fire Facts 005, 006, 007, and 044. Documentation of service and maintenance shall be kept at the facility for review.

This policy applies to the following facilities and situations:

- New system installations.
- Existing system additions, alterations, and other changes.

